## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	37138	"429"/\$.ccls. not 429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 15:37
S2	7475	429/163-185.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/07 12:32
S3	833	S2 and (pin current adj collector) with (up out outward through upward extend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 15:39
S4	567	S2 and (pin current adj collector) near3 (up out outward through upward extend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 15:39
S5	432	S2 and (pin current adj collector) near3 (up out outward through upward)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 15:40
S7	2	(("20030096162") or ("6090503")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 12:33
S9	37458	"429"/\$.ccls. not 429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/07 12:34
S10	291	S9 and electrode with (mandrel pin) with (wind winding wound wrap wrapped)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/07 12:34
S11	174	S9 and electrode with (mandrel) with (wind winding wound wrap wrapped)	US-PGPUB; USPAT; USOCR	OR	ON .	2007/12/28 14:57
S12	48	S9 and (ptir platimun near2 iridium)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/07 13:02
S13	37544	"429"/\$.ccls. not 429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 14:58
S14	43	S13 and electrode with (mandrel) same (wire pin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 14:58
S15	44	S13 and electrode with (mandrel mandril) same (wire pin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 14:58
S16	81	S13 and (mandrel mandril) same (wire pin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 15:05
S17	406	S13 and (mandrel mandril sleeve) same (wire pin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 15:06

## **EAST Search History**

S18	168	S13 and (mandrel mandril sleeve) same (wire pin) same electrode	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 15:06
S19	39	S13 and (mandrel mandril sleeve) same-(wire pin)-same-electrode and (spiral spirally)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 15:08
S20	129	S18 not S19	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/28 15:29
S21	1	("6387561").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/28 15:29